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[S. Kent, R. Atkinson](#)

November 1998 Security Architecture for the Internet Protocol

Publisher: RFC Editor

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2 [Internet Security Glossary](#)

[R. Shirey](#)

May 2000 Internet Security Glossary

Publisher: RFC Editor

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This Glossary (191 pages of definitions and 13 pages of references) provides abbreviations, explanations, and recommendations for use of information system security terminology. The intent is to improve the comprehensibility of writing that deals with ...

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3 [Toward the PSTN/Internet Inter-Networking--Pre-PINT Implementations](#)

[H. Lu, M. Krishnaswamy, L. Conroy, S. Bellare, F. Burg, A. DeSimone, K. Tewari, P. Davidson, H. Schulzrinne, K. Vishwanathan](#)

November 1998 Toward the PSTN/Internet Inter-Networking--Pre-PINT Implementations

Publisher: RFC Editor

Full text available: ☒ [Text](#) (139.15 KB)

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This document contains the information relevant to the development of the inter-networking interfaces underway


in the Public Switched Telephone Network (PSTN)/Internet Inter-Networking (PINT) Working Group. It addresses technologies, architectures, ...

4 A Framework for IP Based Virtual Private Networks

B. Gleeson, A. Lin, J. Heinanen, G. Armitage, A. Malis

February 2000 A Framework for IP Based Virtual Private Networks

Publisher: RFC Editor

Full text available:  [Text](#) (163.22 KB)

Additional Information: [full citation](#), [abstract](#)

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This document describes a framework for Virtual Private Networks (VPNs) running across IP backbones. It discusses the various different types of VPNs, their respective requirements, and proposes specific mechanisms that could be used to implement each ...

5 Realm Specific IP: Framework

M. Borella, J. Lo, D. Grabelsky, G. Montenegro

October 2001 Realm Specific IP: Framework

Publisher: RFC Editor

Full text available:  [Text](#) (73.86 KB)

Additional Information: [full citation](#), [abstract](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 2, Citation Count: 4


This document examines the general framework of Realm Specific IP (RSIP). RSIP is intended as a alternative to NAT in which the end- to-end integrity of packets is maintained. We focus on implementation issues, deployment scenarios, and interaction ...

6 SIP: Session Initiation Protocol

J. Rosenberg, H. Schulzrinne, G. Camarillo, A. Johnston, J. Peterson, R. Sparks, M. Handley, E. Schooler

June 2002 SIP: Session Initiation Protocol

Publisher: RFC Editor

Full text available:  [Text](#) (647.98 KB)

Additional Information: [full citation](#), [abstract](#), [cited by](#)

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This document describes Session Initiation Protocol (SIP), an application-layer control (signaling) protocol for creating, modifying, and terminating sessions with one or more participants. These sessions include Internet telephone calls, multimedia ...

7 Fast IPsec: a high-performance IPsec implementation

Samuel J. Leffler

September 2003 **BSDC'03**: Proceedings of the BSD Conference 2003 on BSD Conference

Publisher: USENIX Association

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

Fast IPsec is an implementation of the IPsec protocols [Kent & Atkinson, 1998a] for FreeBSD that was designed for high performance. In particular the protocols use the OpenBSD Cryptographic Framework, as ported to FreeBSD [Leffler, 2003], so any cryptographic ...

8 [Security-enhanced packet video with dynamic multicast throughput adjustment](#)

[Han-Chieh Chao](#), [T. Y. Wu](#), [Jiann-Liang Chen](#)

May 2001 **International Journal of Network Management** , Volume 11 Issue 3

Publisher: John Wiley & Sons, Inc.

Full text available:  [Pdf](#) (366.26 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

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In recent years, the Internet population has increased at an explosive rate. Many problems exist because Internet packets are not encrypted and the bandwidth is not large enough. In this research, we propose a datagram encryption technique and dynamic ...

9 [Firewalls — Evolve or Die](#)

[D. J. Gooch](#), [S. D. Hubbard](#), [M. W. Moore](#), [J. Hill](#)

July 2001 **BT Technology Journal** , Volume 19 Issue 3

Publisher: Kluwer Academic Publishers

Full text available:  [Publisher Site](#)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 1

Businesses have traditionally relied on perimeter firewalls to enforce their security policy. However, perimeter controls do not provide a comprehensive solution to secure a private network connected to the Internet. This paper describes how the dynamic ...

10 [Secure and mobile networking](#)

[Vijul Gupta](#), [Gabriel Montenegro](#)

December 1998 **Mobile Networks and Applications** , Volume 3 Issue 4

Publisher: Kluwer Academic Publishers

Full text available:  [Pdf](#) (223.39 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 94, Citation Count: 2


The IETF Mobile IP protocol is a significant step towards enabling nomadic Internet users. It allows a mobile node to maintain and use the same IP address even as it changes its point of attachment to the Internet. Mobility implies higher security risks ...

Request for Comments Summary RFC Numbers 2600-2699

S. Ginoza

May 2000 Request for Comments Summary RFC Numbers 2600-2699

Publisher: RFC Editor

Full text available:  [Pdf](#) (42.46 KB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 1, Citation Count: 0

12Evolving Systems Beyond 3G — the IST BRAIN and MIND Projects

D. Wisely, E. Mitjana

August 2003 **BT Technology Journal**, Volume 21 Issue 3

Publisher: Kluwer Academic Publishers

Full text available:  [Publisher Site](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 2

Systems beyond 3G — using IP to combine 3G, wireless LANs and other access technologies — will offer users much greater flexibility and choice for mobile communications in the medium term. The IST projects BRAIN and MIND have developed outline ...

13Satellite — A New Opportunity for Broadband Applications

A. J. H. Fidler, G. Hernandez, M. Lalovic, T. Peil, I. G. Rose

January 2002 **BT Technology Journal**, Volume 20 Issue 1

Publisher: Kluwer Academic Publishers

Full text available:  [Publisher Site](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

This paper provides an overview of the new and exciting opportunities that satellite creates for the delivery of true broadband Internet and multimedia content directly to the edge of the network or to the end user. A current snapshot of the different ...

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